

IN THE CLAIMS

1. (Currently amended) An inkjet printer ink cartridge comprising:

an ink cartridge body having a plastic ink receptacle, a top cover, a strainer, a spring and a rubber washer;

a strainer support elevated from a bottom of the ink receptacle by a retaining wall with a recess below said strainer adapted to receive said spring and said rubber washer, being further adapted to connect to a nozzle area of a printer; and
a equilibration tube configured within said ink receptacle of said ink cartridge body, having an opening at the bottom thereof for fluid communication with said ink receptacle, and a passage at the top of said equilibration tube in fluid communication with the atmosphere external to the ink receptacle;

wherein ink can be injected- refilled into a said ink receptacle of the said ink cartridge body. ~~through ink inject holes of the top cover; the strainer is configured in a bottom of the receptacle, and a groove below the strainer provides for configuring the spring and the rubber washer therein, as well as connecting to a nozzle area of the printer; and is characterized in that: a siphon is configured within the receptacle of the ink cartridge, and an opening of a lower extremity of the siphon realizes a mutual passage with the receptacle, while an upper extremity of the siphon realizes a mutual passage with air external to the ink cartridge; due to a siphon principle, leakage of the ink from area of the ink cartridge in contact with the nozzle area is prevented, furthermore, the ink is prevented from spilling from the siphon.~~

2. The inkjet printer ink cartridge according to claim 1, wherein the strainer is ~~circumjacently configured with~~ supported by a plastic retaining wall, such that when ink level of the ~~ink~~ within the ink receptacle is lower than level of the strainer, the ~~plastic retaining wall counterchecks~~ helps prevent the ink from leaking out.

3. The inkjet printer ink cartridge according to claim 1, wherein the ~~siphon~~ equilibration tube can be additionally peripherally configured with an inner tube and an outer tube, whereby an air hole is formed between the inner tube and the outer tube, and the air hole realizes a mutual passage with the equilibration tube ~~siphon~~.
4. The inkjet printer ink cartridge according to claim 1, wherein said recess in said strainer support is further adapted to receive ~~the receptacle of the ink cartridge is not provided with sponge therein, and the~~ refill ink is injected into the ink receptacle by means of an ink filling instrument, and which refill ink is ~~continually~~ injected until the ink approaches a refill line, whereupon refilling is stopped.